

Greek Word Parts II *Name: _____*

Read and Say

Basic

1. *geometry*
2. *perimeter*
3. *diameter*
4. *diagram*
5. *centimeter*
6. *kilogram*
7. *cyclone*
8. *thermos*
9. *physician*
10. *encyclopedia*
11. *thermometer*
12. *physics*
13. *telegram*
14. *grammatical*
15. *barometer*
16. *thermostat*
17. *physique*
18. *motorcycle*
19. *thermal*
20. *cyclical*

READ the sentences. **SAY** each bold word.

We study shapes and angles in **geometry**.
 Outline the **perimeter** of the court with chalk.
 The **diameter** of a circle divides it in half.
 Mike drew a **diagram** to describe his room.
 Some rulers can measure a **centimeter**.
 Is a **kilogram** more than two pounds?
 Many trees were blown down by the **cyclone**.
 My soup stays warm in this **thermos**.
 A **physician** cares for people who are ill.
 You can look up the dates in an **encyclopedia**.
 I read the **thermometer** to see how cold it was.
 Matter is a major topic in **physics** class.
 The news came by **telegram** instead of by mail.
 Which sentence has a **grammatical** error?
 A **barometer** helps to predict the weather.
 She put in a **thermostat** to regulate the heat.
 Exercise has given him a lean **physique**.
 Always wear a helmet when riding a **motorcycle**.
 My **thermal** hat keeps me warm in winter.
 The seasons repeat in a **cyclical** pattern.



Spelling Strategy Knowing the Greek word parts *cycl* (“circle”), *phys* (“nature”), *gram* (“something written”), *therm* (“heat”), and *meter/metry* (“measure”) can help you spell and understand words with these parts.

Think and Write Write the Basic Words. Underline the Greek word part *cycl*, *phys*, *gram*, *therm*, *meter*, or *metry* in each.

- | | |
|---------------|---------------|
| Review | 23. difficult |
| 21. physical | 24. portion |
| 22. grammar | 25. example |

- | | |
|-------------------|----------------|
| Challenge | 28. physiology |
| 26. parallelogram | 29. anagram |
| 27. isometric | 30. metronome |

Independent Practice

Vocabulary: Definitions Write the Basic Word that matches each definition. Use your Spelling Dictionary.

1. the mathematical study of points, lines, surfaces, and angles, and of figures composed of these
2. a straight line that starts on one side of a circle, passes through the center, and ends on the other side
3. producing or caused by heat
4. occurring in a repeated series
5. a device that controls the temperature of an enclosed space
6. following the rules for using words in sentences
7. an instrument that measures and indicates temperature
8. the distance around the sides of a flat figure or shape
9. an instrument that measures the pressure of the atmosphere and indicates changes in the weather
10. a violent rotating windstorm
11. a two-wheeled vehicle, larger than a bicycle and propelled by an engine

Vocabulary: Classifying Write the Basic Word that fits each group. Use your Spelling Dictionary.

12. inch, kilometer, mile, _____
13. chart, graph, illustration, _____
14. ounce, pound, ton, _____
15. dictionary, atlas, thesaurus, _____
16. biology, chemistry, botany, _____
17. letter, postcard, telephone call, _____
18. pitcher, bottle, jug, _____
19. lawyer, teacher, banker, _____
20. body, figure, shape, _____

Challenge Words Write the Challenge Word that fits each clue. Use your Spelling Dictionary.

21. This is an exercise that uses tension.
22. This sounds like a clock but tells no time.
23. This is a word made from the letters of another word.
24. This is a four-sided flat figure.
25. This must be studied by people who want to become doctors.



Definitions

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Classifying

12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Challenge Words

21. _____
22. _____
23. _____
24. _____
25. _____

Dictionary

Spelling Table Suppose you looked up the word |fɪz' ɪks| under the letter *f* and could not find it. Where in the dictionary would you look next? Check the **spelling table**. It lists the various ways a sound can be spelled.

SOUND	SPELLINGS	SAMPLE WORDS
f	f, ff, gh, ph	funny, off, enough, physical

Practice Write each of the words whose phonetic spellings appear below. Use your Spelling Table and Spelling Dictionary to check your spellings.

- | | |
|---------------|-------------------|
| 1. ô' də bəl | 5. krī tîr' ē ən |
| 2. kī' ăk' | 6. jə nēt' ɪk |
| 3. sûr' kīt | 7. ə pō' nənt |
| 4. kɔn' shəs | 8. chël' ō |

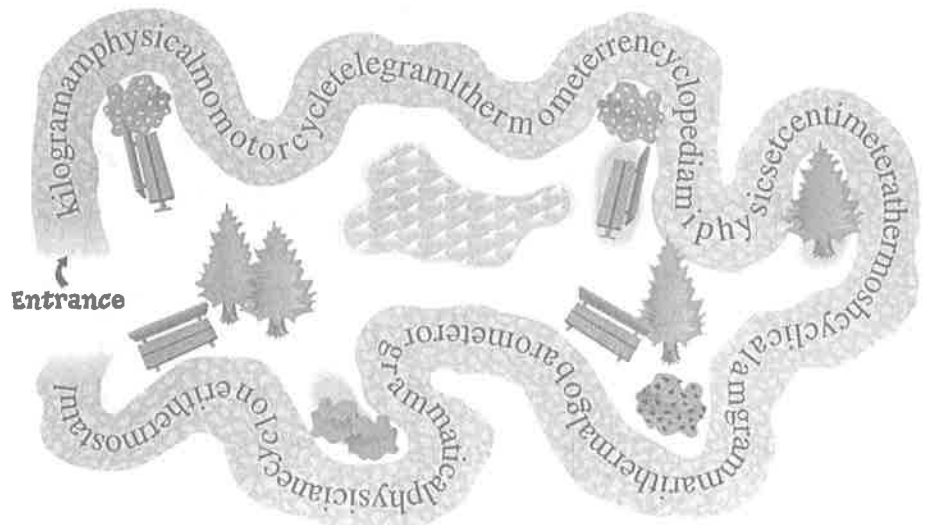
Word Perimeter

9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____

- | | | |
|----------|----------|----------|
| 1. _____ | 4. _____ | 7. _____ |
| 2. _____ | 5. _____ | 8. _____ |
| 3. _____ | 6. _____ | |

Review: Spelling Spree

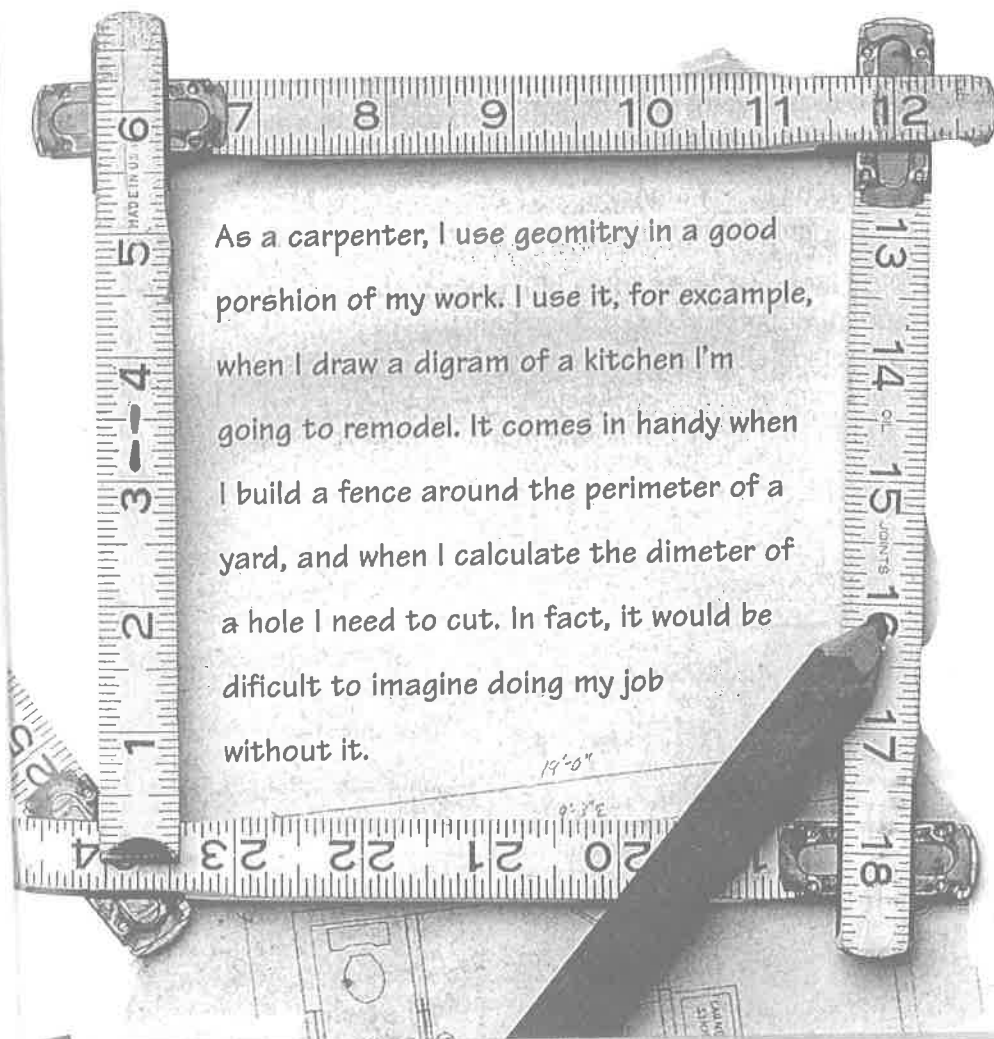
Word Perimeter 9–25. Find the Basic and Review Words that are hidden in the perimeter of the park. Write the words correctly in the order in which you find them.



Proofreading and Writing

Proofread for Spelling Use proofreading marks to correct six misspelled Basic or Review Words in this paragraph.

Example: This job requires good math skills and ^{physical} ~~phisical~~ fitness.



Write a Description Write a description of a common object in terms of the geometric shapes it contains. They may be flat shapes, such as squares and triangles, or three-dimensional shapes, such as cylinders and cubes. Try to use five spelling words.

Basic

1. geometry
2. perimeter
3. diameter
4. diagram
5. centimeter
6. kilogram
7. cyclone
8. thermos
9. physician
10. encyclopedia
11. thermometer
12. physics
13. telegram
14. grammatical
15. barometer
16. thermostat
17. physique
18. motorcycle
19. thermal
20. cyclical

Review

21. physical
22. grammar
23. difficult
24. portion
25. example

Challenge

26. parallelogram
27. isometric
28. physiology
29. anagram
30. metronome

Proofreading Marks

- ¶ Indent
- ^ Add
- ^ Add a comma
- “ ” Add quotation marks
- ⊙ Add a period
- Delete
- ≡ Capital letter
- / Small letter
- ~ Reverse order

Vocabulary Enrichment

Unit 8
BONUS

Expanding Vocabulary

Spelling Word Link

motorcycle

Compound Words A **compound word** is a combination of two or more smaller words. Some compound words are written as one word, some as separate words, and some as hyphenated words.

motor	+	cycle	=	motorcycle
vice	+	president	=	vice-president
seat	+	belt	=	seat belt

Combine two of the words below to write a compound word to match each definition. Use your Spelling Dictionary.

fire	by	year	skate	control
line	proof	remote	light	board

1. a line at the top of a news article, giving the writer's name
2. a measure of distance in space
3. made of material that does not burn
4. a small platform mounted on wheels and propelled by foot
5. a device used to operate a machine from a distance

1. _____

2. _____

3. _____

4. _____

5. _____

Now write a sentence for three of the words you made above.

6. _____
7. _____
8. _____

Real-World Connection

Math: Geometry All the words in the box relate to geometry. Look up these words in your Spelling Dictionary. Then write the words to complete this paragraph.

Last week I showed my little brother how to relate geometry to things around us. I pointed out that a stop sign is a (1) with eight sides, that an intersection often forms (2) lines, and that a sidewalk is a line (3). His sandwich was shaped like a (4) and his orange was a (5). We measured around a bike wheel to find its (6). Then we measured one spoke, which went from the hub to a point on the rim, to find the circle's (7). Finally, a rainbow appeared and gave us an example of an (8)!

Spelling Word Link

geometry

- rectangle
- arc
- sphere
- polygon
- segment
- radius
- circumference
- perpendicular

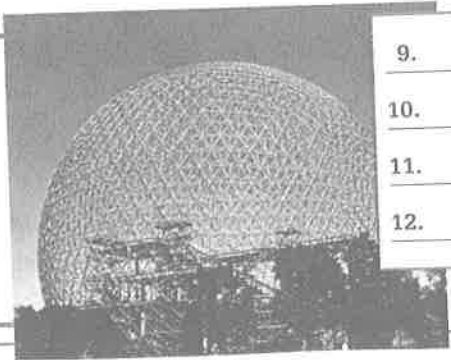
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____

TRY THIS!

- True or False?** Write *T* if a sentence is true and *F* if it is false.
9. A segment is the point where perpendicular lines meet.
 10. A sphere is a two-dimensional figure.
 11. Circumference is the distance around a circle.
 12. An arc is part of a circle.

Fact File

A geodesic dome is a self-supporting structure made entirely of linked triangles or other polygons. Designed by Buckminster Fuller, these types of domes are inexpensive and can be quickly assembled anywhere. Because of their shape, they are also incredibly strong and resistant to pressure.



9. _____
10. _____
11. _____
12. _____